

Gulf of Mexico Harmful Algal Bloom Bulletin

14 May 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: May 10, 2007

Conditions Report

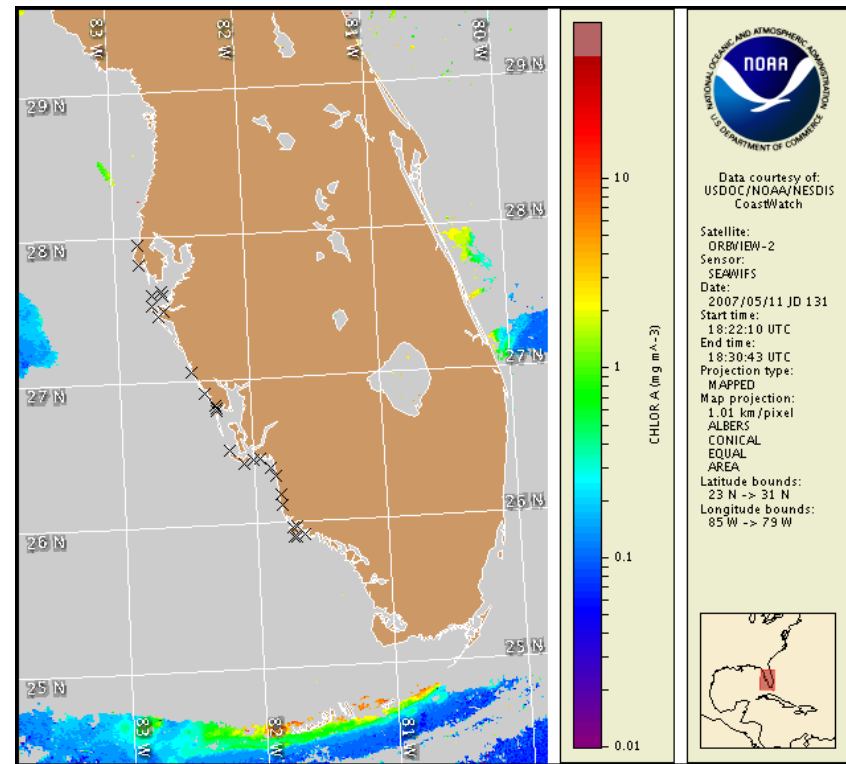
There is no indication of harmful algal bloom presence alongshore Southwest Florida, including the Keys region, at the present time. No impacts are expected in any Florida counties through Sunday.

Analysis

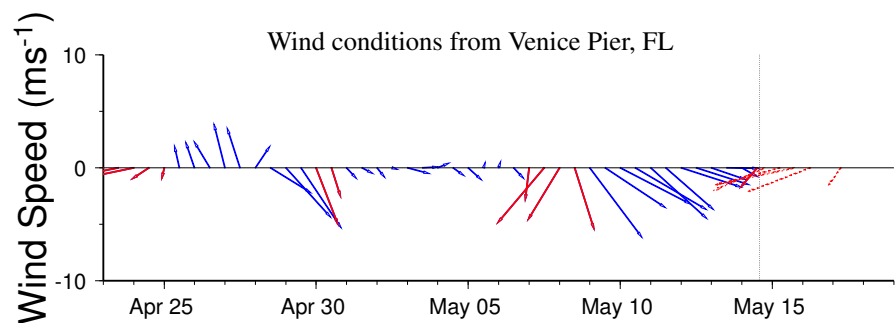
** Note: As of today, May 14, bulletins will be issued once weekly on Mondays due to current harmful algal bloom inactivity. Twice weekly bulletins will resume when conditions warrant. **

Sampling results indicate no presence of *Karenia brevis* in Southwest Florida in recent weeks, with the exception of background concentrations found approximately 10 miles offshore Manatee County (5/1, FWRI). Imagery has been cloudy since the previous bulletin, but imagery from May 10 does not indicate elevated chlorophyll levels along Southwest Florida.

- Allen, Fisher



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from May 4-9 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

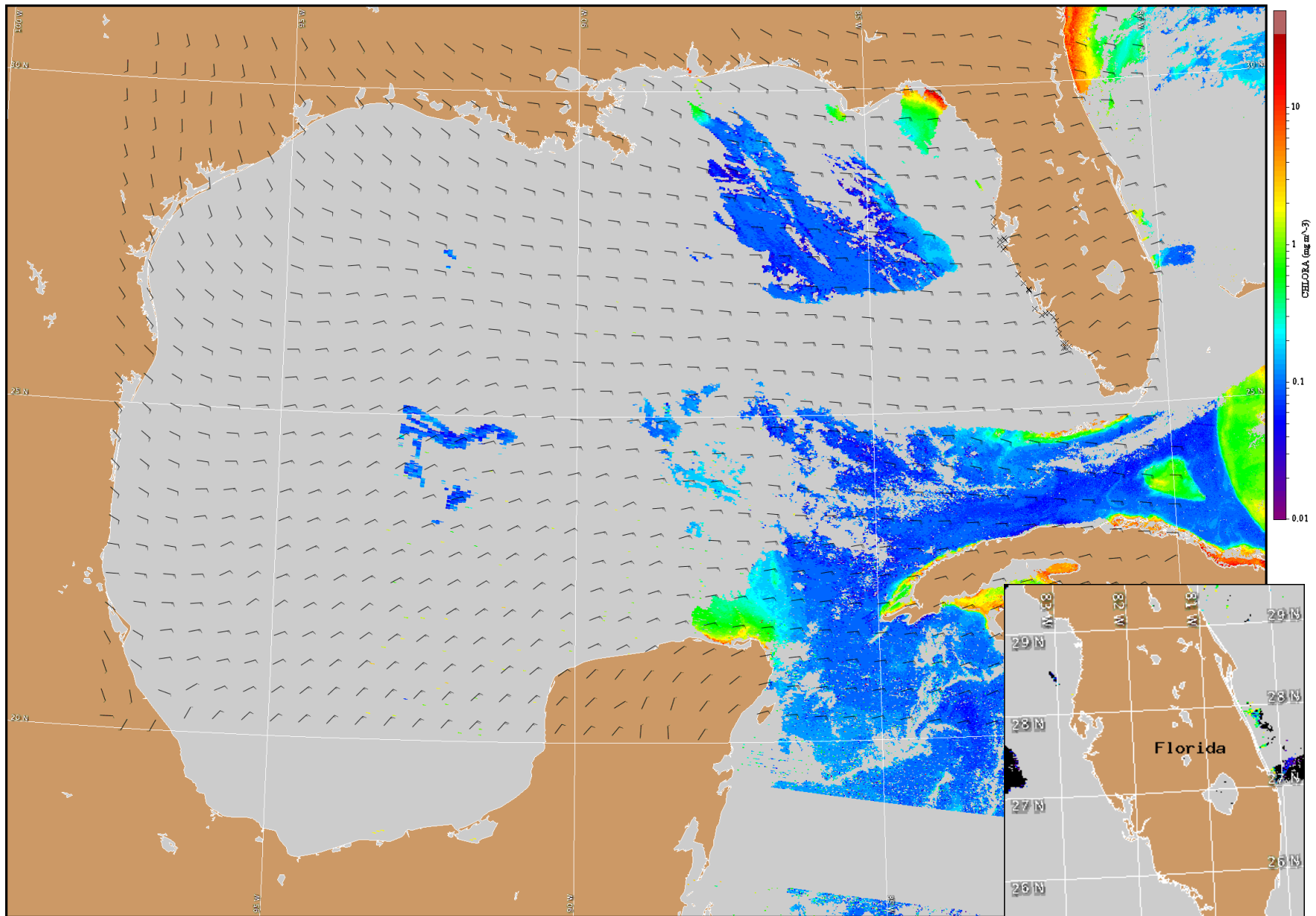


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Southwest Florida: Northeasterly winds today becoming easterly tonight through Tuesday at 15-20 knots (8-10 m/s). Northerly winds Wednesday at 5-10 knots (3-5 m/s) becoming northeasterly Thursday and Friday.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for May 15, 2007 06Z with cell concentration sampling data from May 4-9 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).